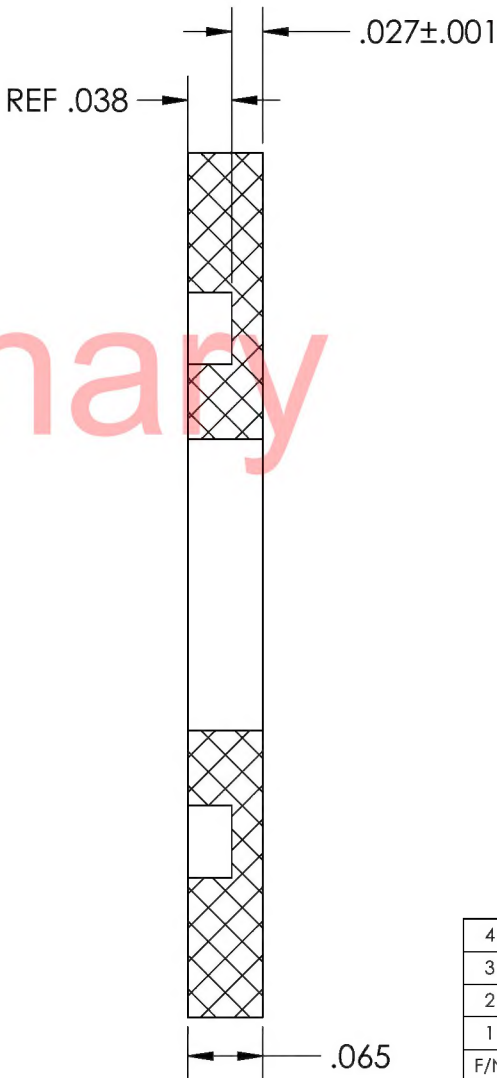
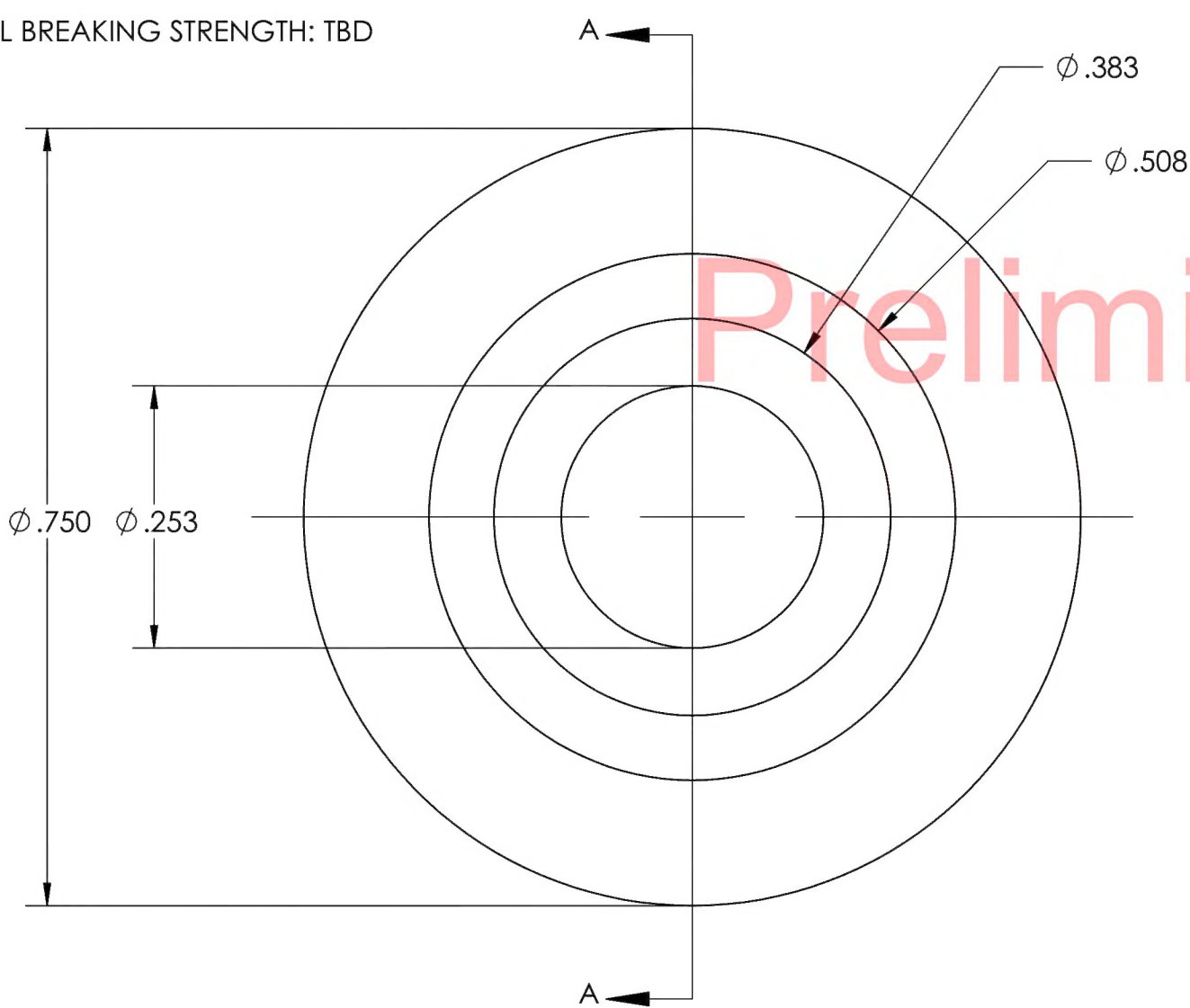
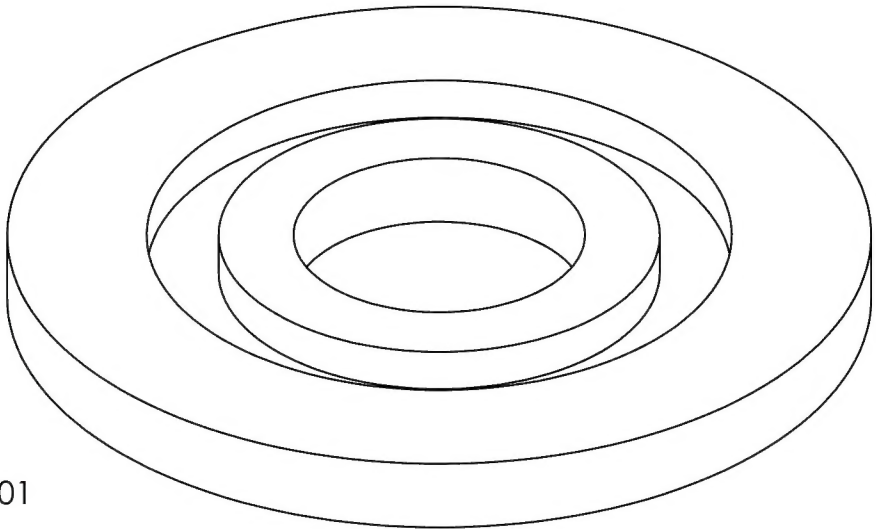


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
		MM-DD-YY	J. GARDINER

NOTES:

1. MATERIAL: DELRIN II 150E BAR STOCK, ASTM D6778POM 0211 (BLACK)
2. MATERIAL: DELRIN II 150E BAR STOCK, ASTM D6778POM 0211 (WHITE)
3. INSPECT IAW DA169-05 FRANGIBLE WASHER TEST PLAN. AQL SAMPLE SIZE TO BE DEFINED BY QUALITY. BREAK STRENGTH AVERAGE TO BE WITHIN 5% OF NOMINAL
4. NOMINAL BREAKING STRENGTH: 92.0 LBF
5. NOMINAL BREAKING STRENGTH: TBD
6. NOMINAL BREAKING STRENGTH: TBD
7. NOMINAL BREAKING STRENGTH: TBD



SECTION A-A

PROTOTYPE REVISIONS							
ZONE	REV.	DESCRIPTION	DATE	APPROVED	EFFECTIVITY	REASON CODE	REVISOR
-	PR1	INITIAL PROTOTYPE RELEASE	02-28-20	J. GARDINER	-	-	R. TAKAHASHI
ALL	PR2	ALL WASHERS CHANGED	07-08-21	P. BRAVO			T. CROSS

4	654.4013	DELIN HEX WASHER DIA .466	2	1
3	654.4012	DELIN HEX WASHER DIA .461	2	6
2	654.4011	DELIN HEX WASHER DIA .456	2	5
1	654.4010	DELIN .038 GROOVE	1	4
F/N	PART #	DESCRIPTION	MAT'L	SPEC.
QTY		PARTS LIST		
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 21.08.10	<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
652.9300		DRAWN BY CM CHECKER T. CROSS		
652.9200		DRAWING APPROVAL P. BRAVO 21.07.21	AW189 FRANGIBLE WASHER	
		CONTRACT No.		
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	SIZE B	CAGE CODE 07MZ6
			DWG. NO. 654.4000	REV. PR2
			SCALE NONE	SHEET 1 OF 4

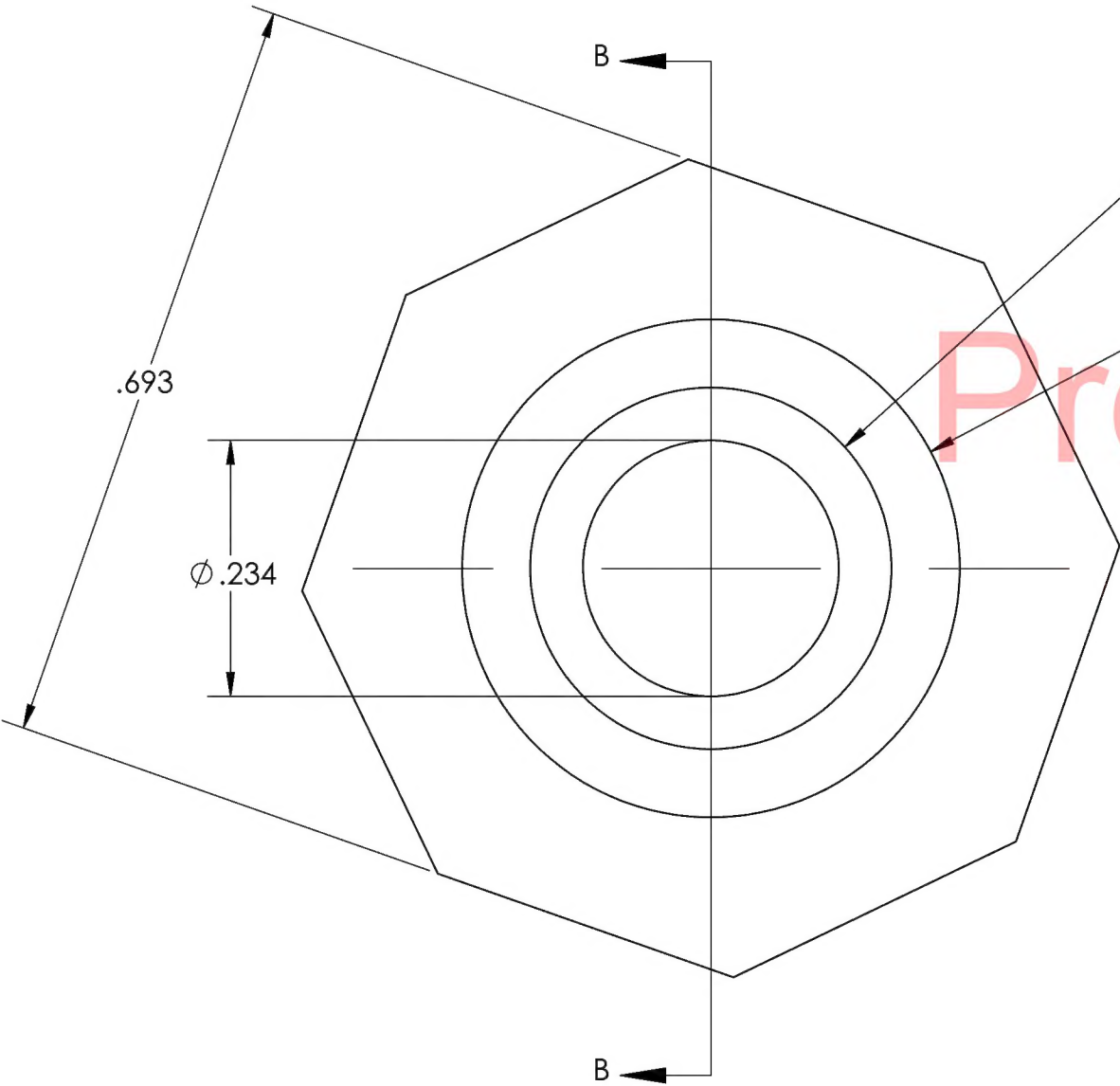
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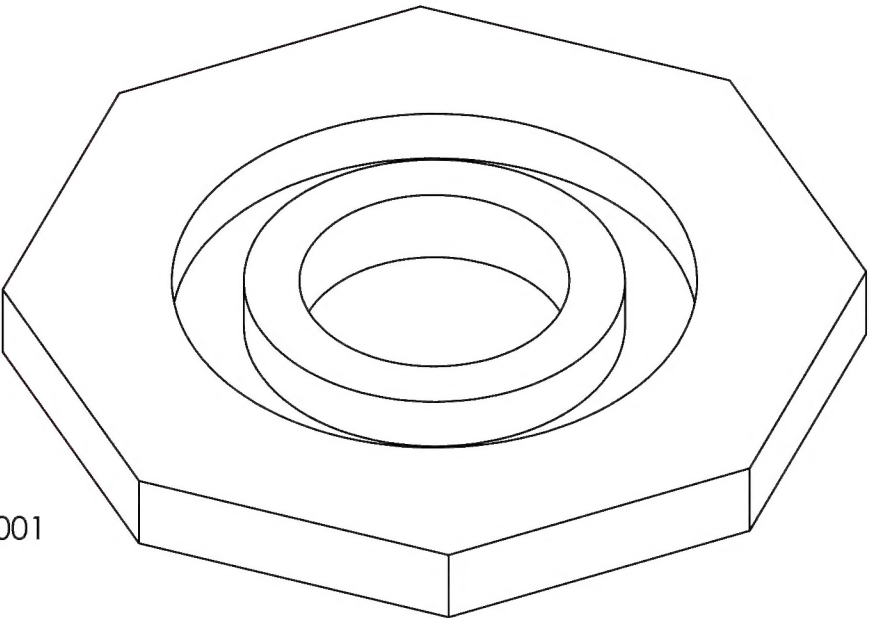


$\phi .331$

$\phi .456$

REF .050

$.020 \pm .001$



2 654.4011



SECTION B-B

ORIGINAL DATE (MO-DA-YR)	21.08.10
DRAWN BY CM	CHECKER T. CROSS
DRAWING APPROVAL P. BRAVO 21.07.21	
CONTRACT No.	

**DART** 3030 ENTERPRISE CT.,  
AEROSPACE SUITE A  
VISTA, CA. 92081  
APICAL INDUSTRIES, INC. (760)-724-5300  
dba DART AEROSPACE

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS  $\pm .01$   
3 PLACE DECIMALS  $\pm .005$   
ANGLES  $\pm .5^\circ$

AW189 FRANGIBLE WASHER			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 654.4000	REV. PR2
SCALE NONE		SHEET 2 OF 4	

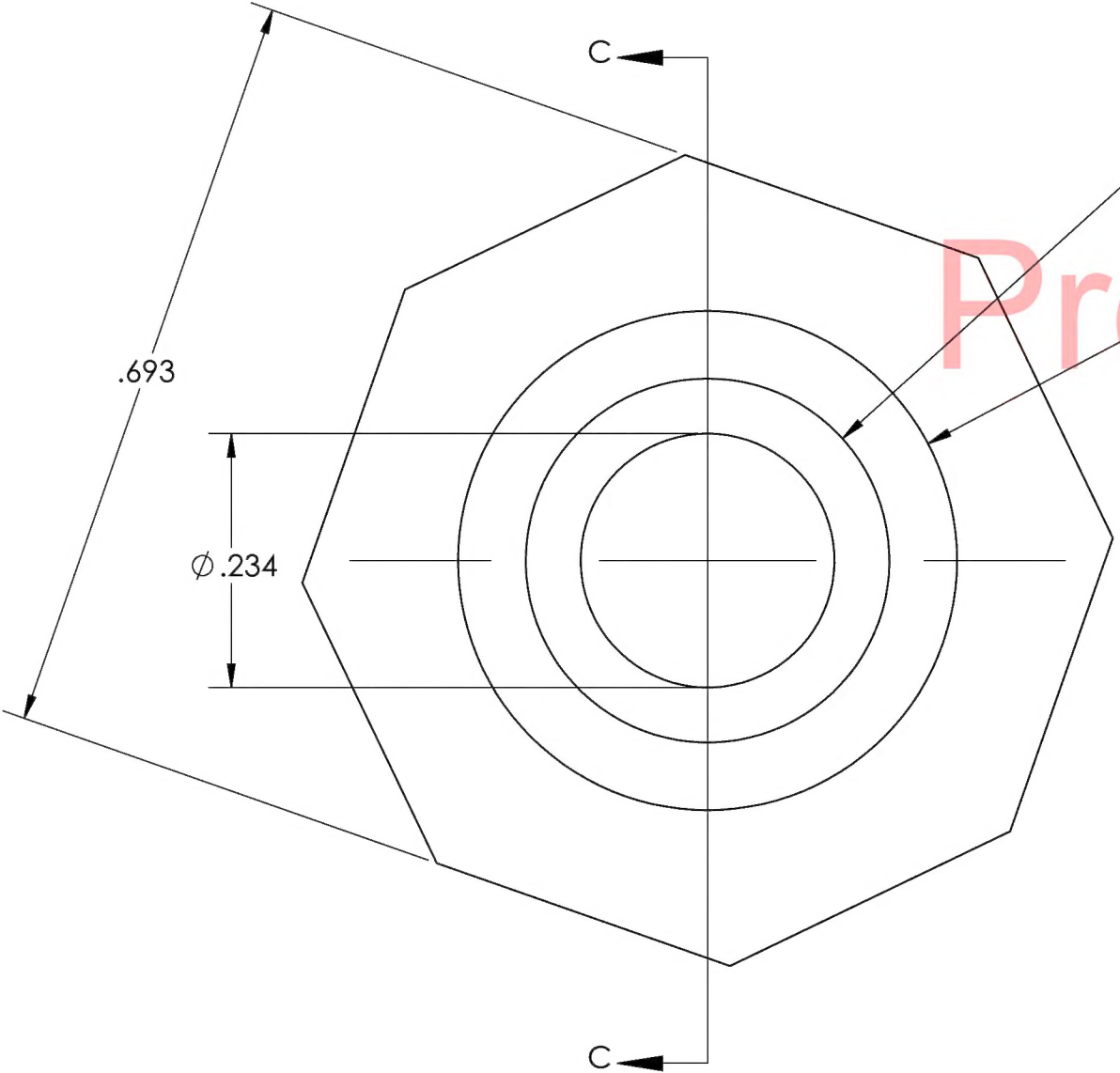
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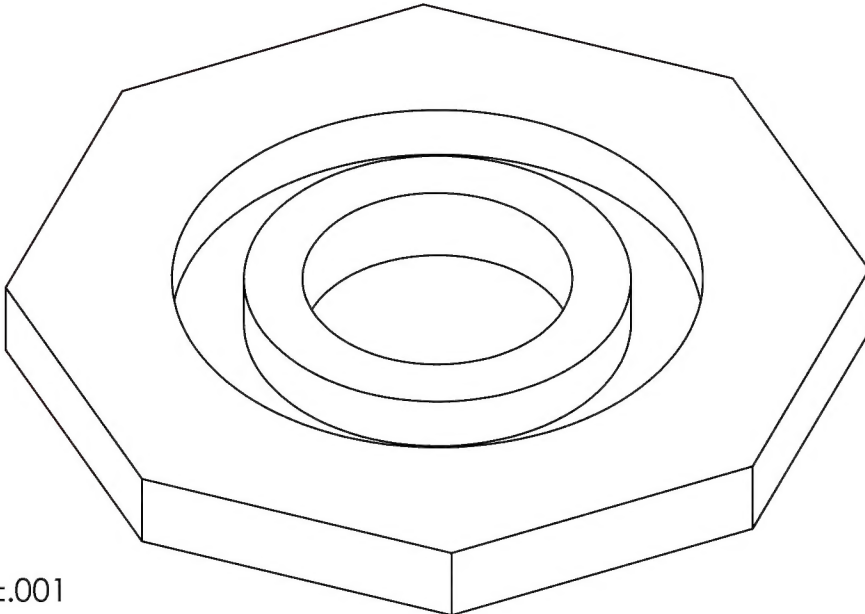
Ø .234

REF .050

.020±.001

.070

SECTION C-C



3 654.4012

ORIGINAL DATE (MO-DA-YR)	21.08.10
DRAWN BY CM	CHECKER T. CROSS
DRAWING APPROVAL P. BRAVO 21.07.21	
CONTRACT No.	

**DART** 3030 ENTERPRISE CT.,  
AEROSPACE SUITE A  
VISTA, CA. 92081  
APICAL INDUSTRIES, INC. (760)-724-5300  
dba DART AEROSPACE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°
--

AW189 FRANGIBLE WASHER			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 654.4000	REV. PR2
SCALE NONE		SHEET 3 OF 4	



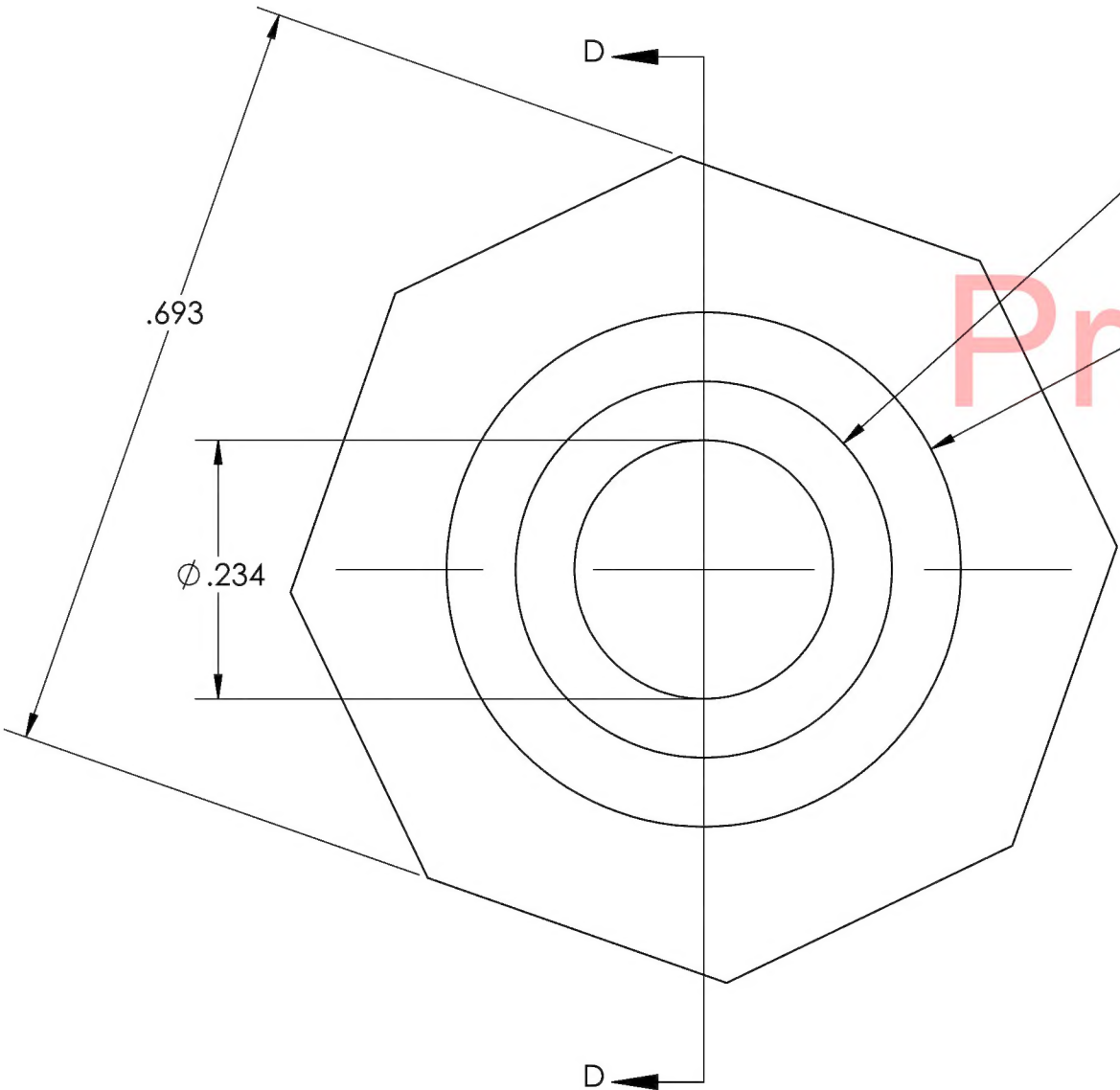
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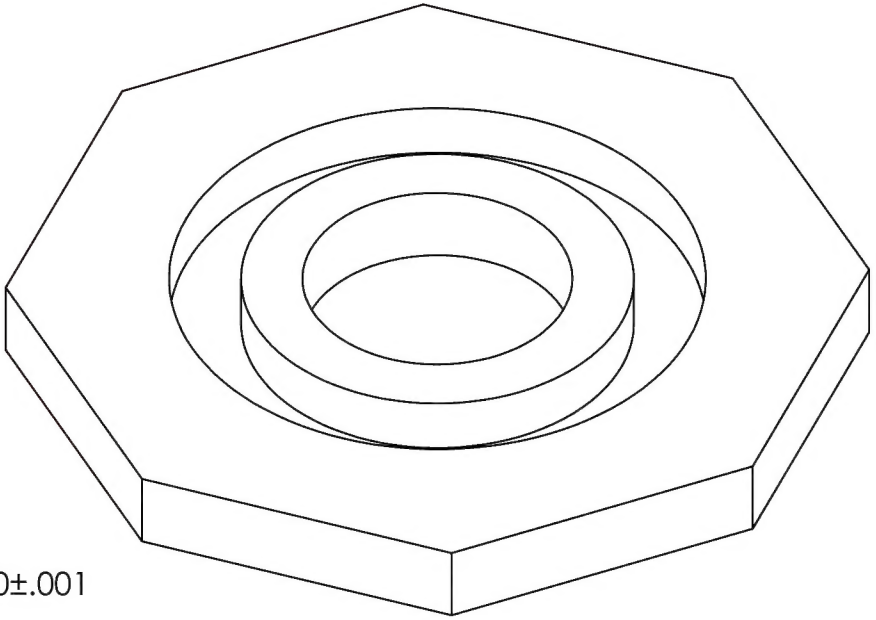
C

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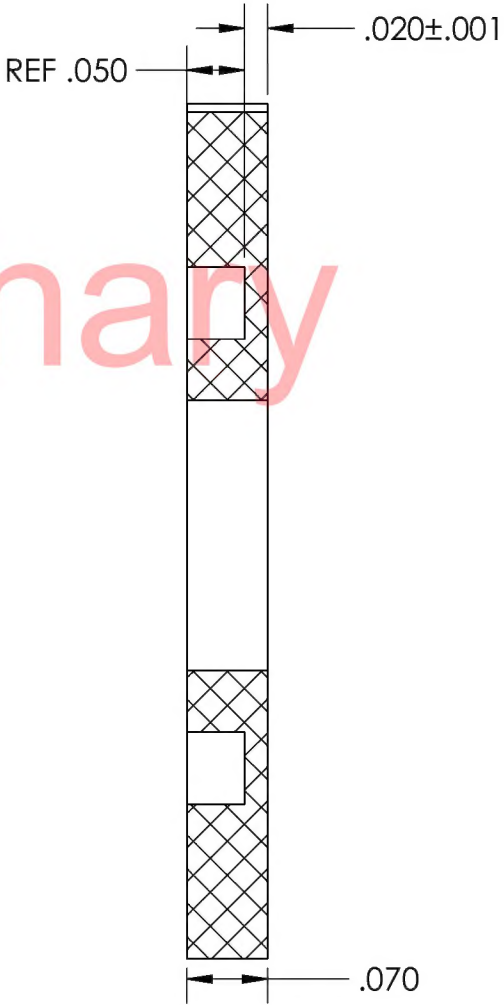


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Ø .466



4 654.4013



SECTION D-D

ORIGINAL DATE (MO-DA-YR)	21.08.10
DRAWN BY CM	CHECKER T. CROSS
DRAWING APPROVAL P. BRAVO 21.07.21	
CONTRACT No.	

**DART**  
AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE

3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA. 92081  
(760)-724-5300

AW189 FRANGIBLE WASHER

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ±.01  
3 PLACE DECIMALS ±.005  
ANGLES ± .5°

SIZE B	CAGE CODE 07MZ6	DWG. NO. 654.4000	REV. PR2
SCALE NONE			SHEET 4 OF 4